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JC961 U.S. PTO

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PTO/SB/05 (03-01)

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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. HO-P02108US0	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor Vladimir Didenko et al.	
		Title Vaccinia Topoisomerase I-Based Assays for Detection etc.	
		Express Mail Label No. EU098490147US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Box Patent Application Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total Pages 35] (preferred arrangement set forth below) <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure		a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3]		b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper	
5. Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy)		c. <input checked="" type="checkbox"/> Statements verifying identity of above copies	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		ACCOMPANYING APPLICATIONS PARTS	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement [Power of Attorney]	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:		11. <input type="checkbox"/> English Translation Document (if applicable)	
Prior application information: Examiner Group / Art Unit:		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]	
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		13. <input type="checkbox"/> Preliminary Amendment	
19. CORRESPONDENCE ADDRESS		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 26,271 or <input type="checkbox"/> Correspondence address below		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
Name		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
Address		17. <input checked="" type="checkbox"/> Other: Check in the amount of 640.00	
City			
Country			
State		Zip Code	
Telephone		Fax	
Name (Print/Type) Melissa W Acosta		Registration No. (Attorney/Agent) 45,872	
Signature [Signature]		Date February 6, 2002	

Transmittal-New Utility Patent Application

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EU098490147US, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: February 6, 2002

Signature: [Signature] (Staci V. Harris)

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

☒ Application claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) **640.00****Complete if Known**

Application Number	Not Yet Assigned
Filing Date	February 6, 2002
First Named Inventor	Vladimir Didenko et al.
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	HO-P02108US0

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account

Deposit Account Number

06-2375

Deposit Account Name

Fulbright & Jaworski L.L.P.

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)					370.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
	50	-20** = 30	x 9.00	= 270.00
Independent Claims	2	-3** =	x	= 0.00
Multiple Dependent				

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					270.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **0.00****SUBMITTED BY**Name (Print/Type) **Melissa W. Acosta**Registration No.
(Attorney/Agent)

45,872

Complete (if applicable)Telephone **(713) 651-5407**

Signature

Date

February 6, 2002

Fee Transmittal

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Dated: February 6, 2002

Signature:

Staci V. Harris

(Staci V. Harris)

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Dated: February 6, 2002

Signature: 

(Staci Harris)

Docket No.: HO-P02046US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Vladimir Didenko, et al.

Docket No.: HO-P02108US0

Application No.: Not Yet Assigned

Group Art Unit: N/A

Filed: February 6, 2002

Examiner: Not Yet Assigned

For: VACCINIA TOPOISOMERASE I-BASED
ASSAYS FOR DETECTION OF SPECIFIC
DNA

STATEMENT PURSUANT TO 37 CFR 1.823(b))

U.S. Patent and Trademark Office
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Submitted herewith for filing in connection with the above-referenced patent application is a labeled, computer readable copy of the Sequence Listing included in the application.

I hereby state that I have reviewed the paper copy of the Sequence Listing contained, as required by 37 CFR 1.821(e), and the computer readable form of the Sequence Listing, as required by 37 CFR 1.821(c), and that the content of the paper and computer readable copies are the same.

Early favorable consideration of the patent application is respectfully solicited.

Dated: February 6, 2002

Respectfully submitted,

By 

Melissa W. Acosta

Registration No.: 45,872

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